

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS092325\
 Data File : PS031819.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2025 11:24
 Operator : AR\AJ
 Sample : Q3117-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 7211986-357MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/24/2025
 Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 12:55:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
 Quant Title : 8080.M
 QLast Update : Tue Sep 09 13:56:38 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
4) S	2,4-DCAA	7.288	7.746	597.5E6	201.0E6	165.909m	221.126m#
Target Compounds							
1) T	Dalapon	2.661	2.681	785.0E6	577.3E6	135.802m	204.883m#
2) T	3,5-DICHL...	6.454	6.699	1223.7E6	270.6E6	229.438	177.435
3) T	4-Nitroph...	7.106	7.313f	192.7E6	174.5E6	174.692	138.209m
5) T	DICAMBA	7.470	7.938	3407.0E6	1298.8E6	218.444	199.602m
6) T	MCPD	7.645	8.032	133.3E6	19580652	14.913	10.396 #
7) T	MCPA	7.793	8.278	209.5E6	43693943	18.855	15.598
8) T	DICHLORPROP	8.179	8.660	868.9E6	332.7E6	243.957	228.658
9) T	2,4-D	8.420	9.008	959.7E6	431.2E6	280.144	262.108
10) T	Pentachlo...	8.709	9.508	12189.5E6	8049.7E6	229.584	202.810
11) T	2,4,5-TP ...	9.288	9.894	5143.8E6	3479.0E6	245.252	231.097
12) T	2,4,5-T	9.588	10.328	4246.4E6	2758.6E6	232.068	204.993
13) T	2,4-DB	10.165	10.897	398.3E6	175.8E6	170.746m	164.281
14) T	DINOSEB	11.356	11.268	720.0E6	266.6E6	49.924	27.423m#
15) T	Picloram	11.198	12.399	3220.8E6	3689.1E6	178.821	155.769
16) T	DCPA	11.651	12.306	4959.2E6	5160.9E6	184.017	214.111

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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Operator : AR\AJ
Sample : Q3117-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

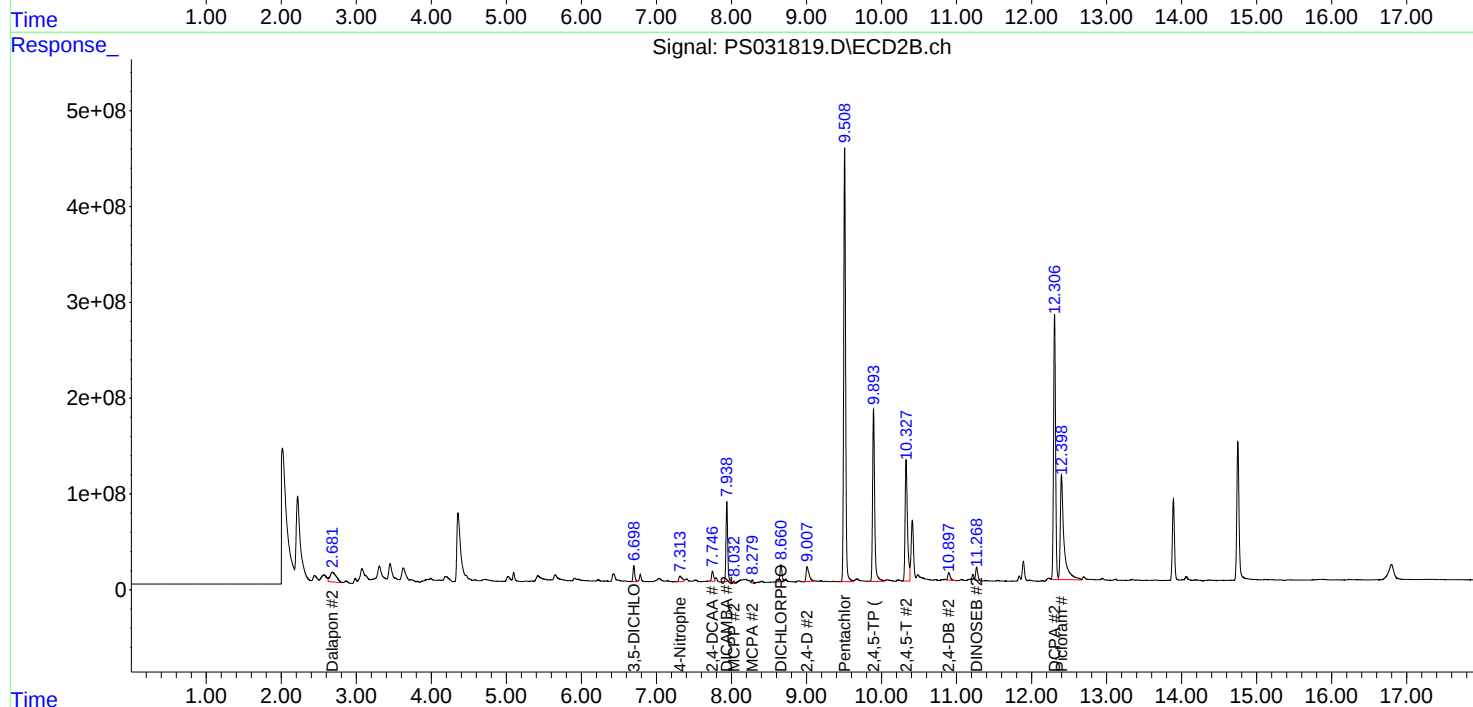
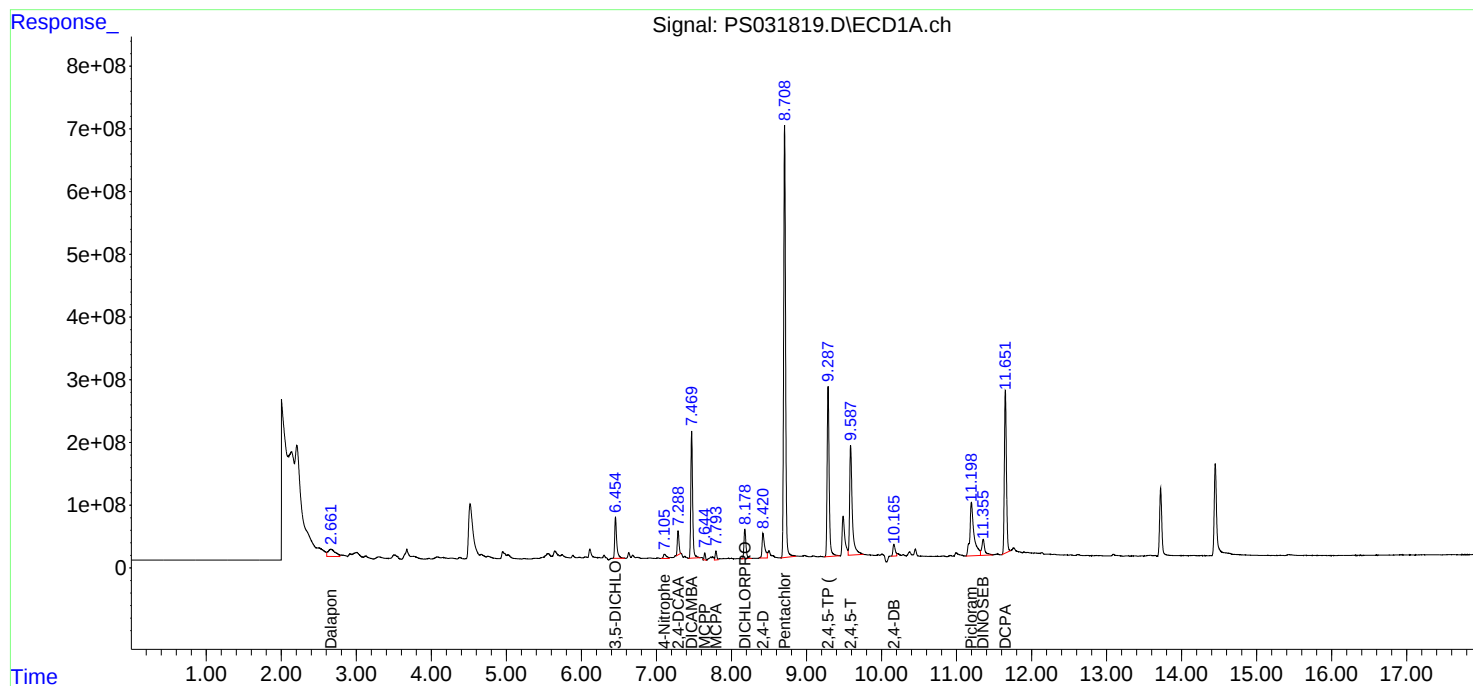
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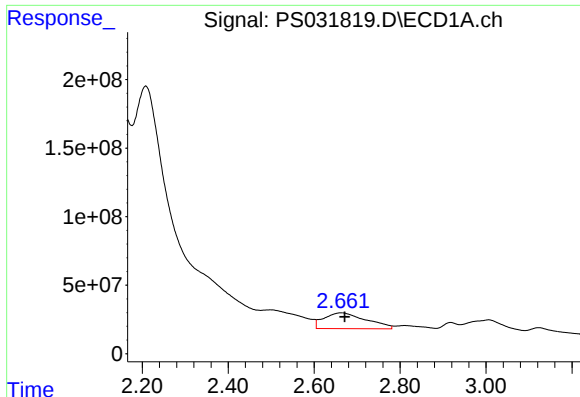
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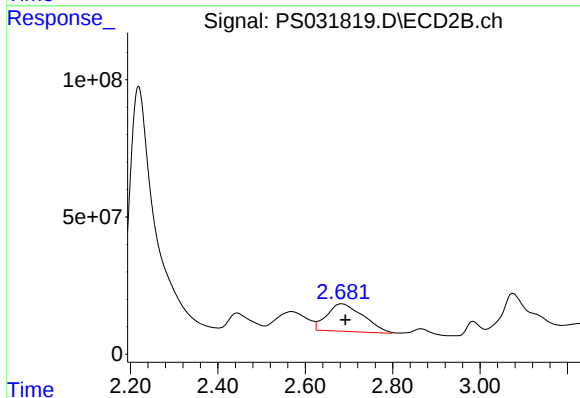
#1 Dalapon

R.T.: 2.661 min
Delta R.T.: -0.010 min
Response: 785034399
Conc: 135.80 ng/ml

Instrument :
ECD_S
ClientSampleId :
7211986-357MSD

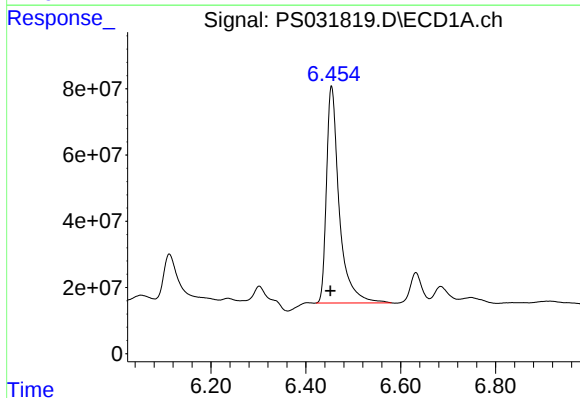
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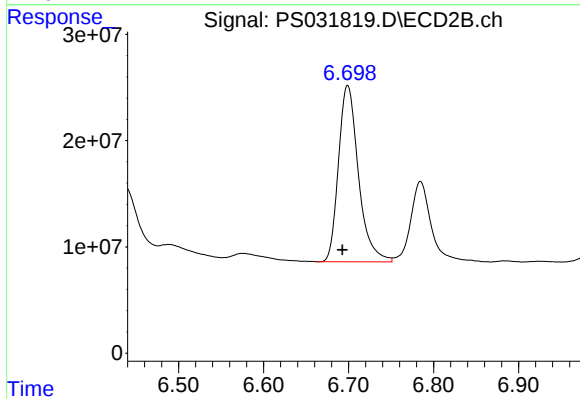
#1 Dalapon

R.T.: 2.681 min
Delta R.T.: -0.011 min
Response: 577283201
Conc: 204.88 ng/ml m



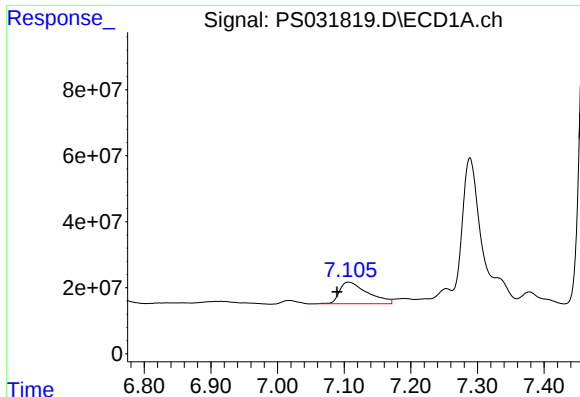
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.454 min
Delta R.T.: 0.003 min
Response: 1223678055
Conc: 229.44 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.699 min
Delta R.T.: 0.006 min
Response: 270581936
Conc: 177.43 ng/ml



#3 4-Nitrophenol

R.T.: 7.106 min
Delta R.T.: 0.016 min
Response: 192722280
Conc: 174.69 ng/ml

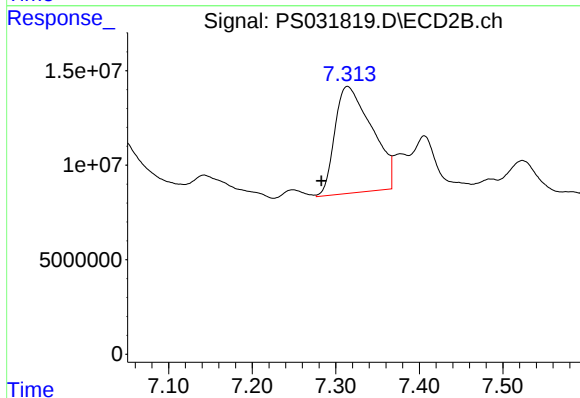
Instrument :

ECD_S

ClientSampleId :
7211986-357MSD

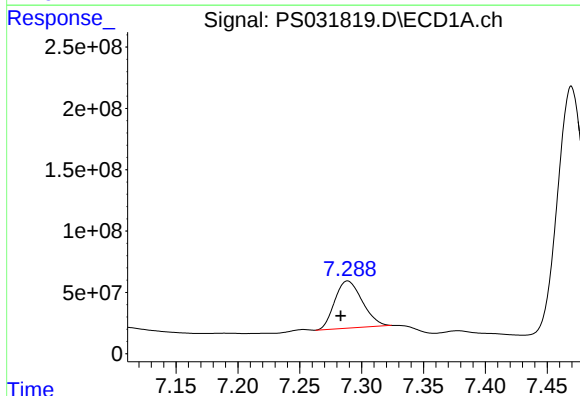
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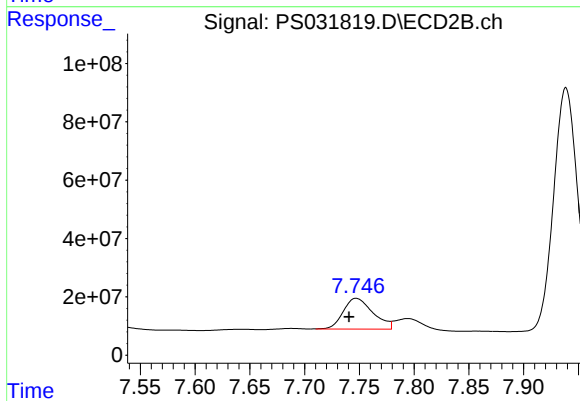
#3 4-Nitrophenol

R.T.: 7.313 min
Delta R.T.: 0.030 min
Response: 174528318
Conc: 138.21 ng/ml m



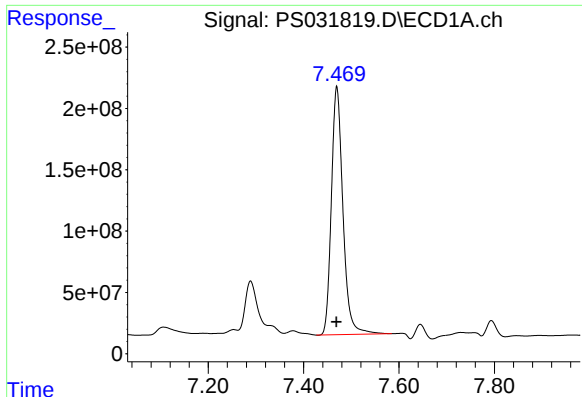
#4 2,4-DCAA

R.T.: 7.288 min
Delta R.T.: 0.005 min
Response: 597525622
Conc: 165.91 ng/ml m



#4 2,4-DCAA

R.T.: 7.746 min
Delta R.T.: 0.006 min
Response: 200981712
Conc: 221.13 ng/ml m



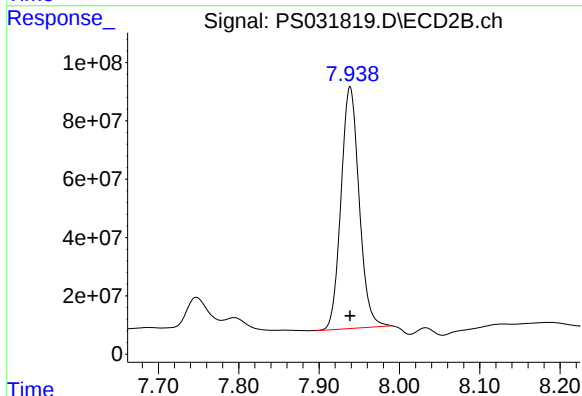
#5 DICAMBA

R.T.: 7.470 min
Delta R.T.: 0.000 min
Response: 3407005969
Conc: 218.44 ng/ml

Instrument :
ECD_S
ClientSampleId :
7211986-357MSD

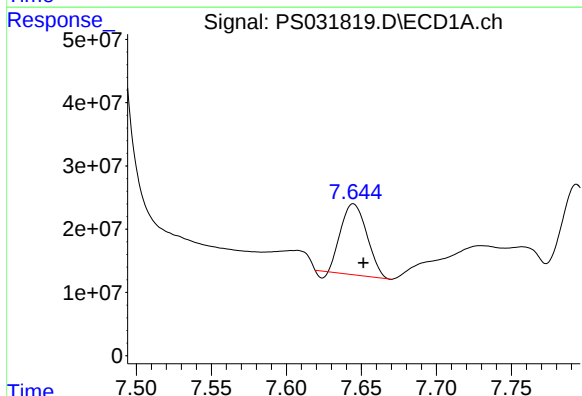
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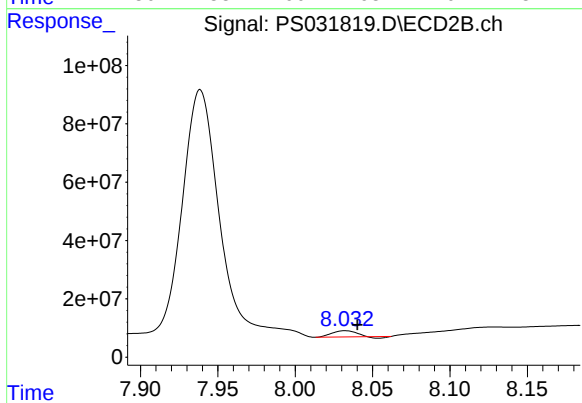
#5 DICAMBA

R.T.: 7.938 min
Delta R.T.: 0.000 min
Response: 1298776950
Conc: 199.60 ng/ml m



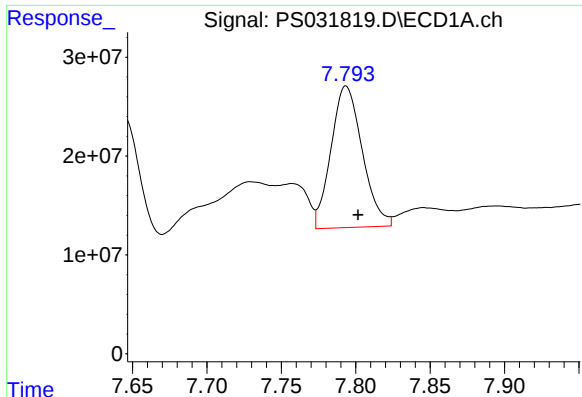
#6 MCP

R.T.: 7.645 min
Delta R.T.: -0.007 min
Response: 133309805
Conc: 14.91 ug/ml



#6 MCP

R.T.: 8.032 min
Delta R.T.: -0.008 min
Response: 19580652
Conc: 10.40 ug/ml



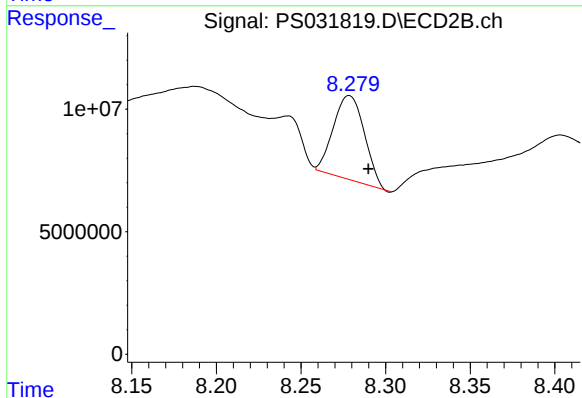
#7 MCPA

R.T.: 7.793 min
Delta R.T.: -0.008 min
Response: 209481995
Conc: 18.85 ug/ml

Instrument :
ECD_S
ClientSampleId :
7211986-357MSD

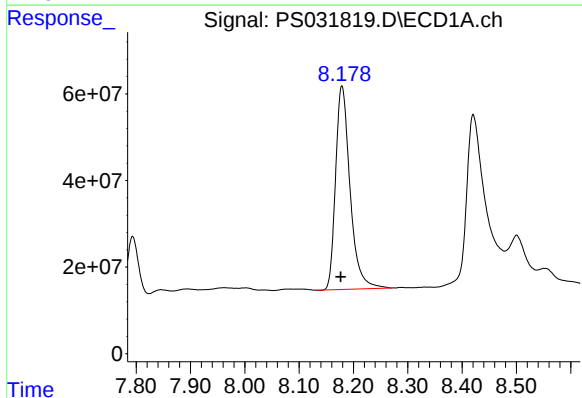
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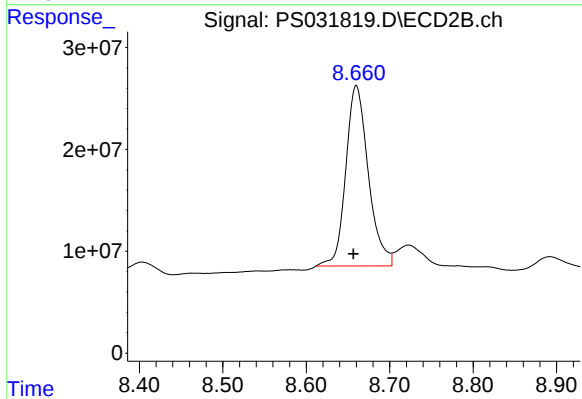
#7 MCPA

R.T.: 8.278 min
Delta R.T.: -0.011 min
Response: 43693943
Conc: 15.60 ug/ml



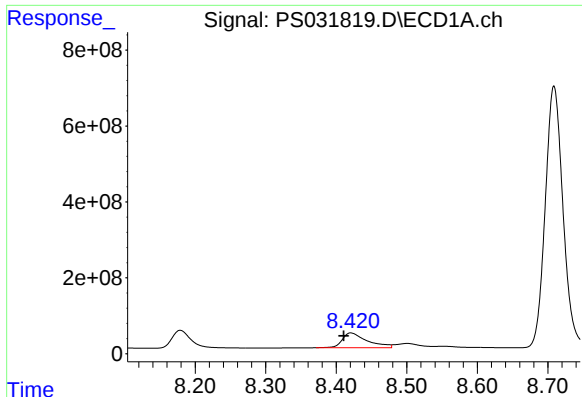
#8 DICHLORPROP

R.T.: 8.179 min
Delta R.T.: 0.002 min
Response: 868917921
Conc: 243.96 ng/ml



#8 DICHLORPROP

R.T.: 8.660 min
Delta R.T.: 0.003 min
Response: 332711561
Conc: 228.66 ng/ml



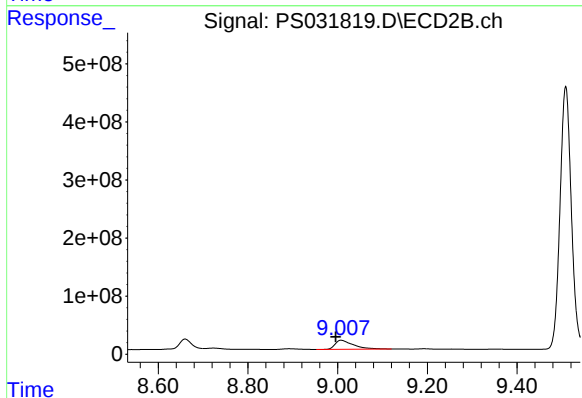
#9 2,4-D

R.T.: 8.420 min
Delta R.T.: 0.010 min
Response: 959671081
Conc: 280.14 ng/ml

Instrument :
ECD_S
ClientSampleId :
7211986-357MSD

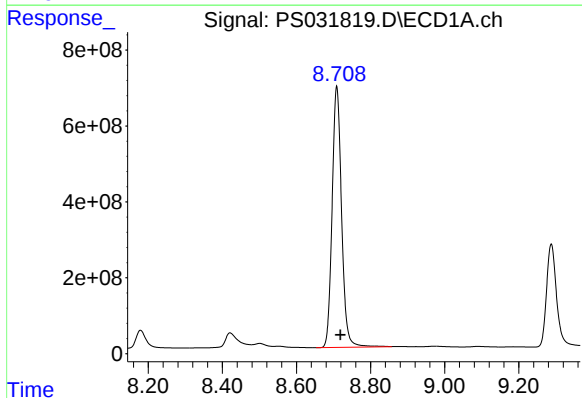
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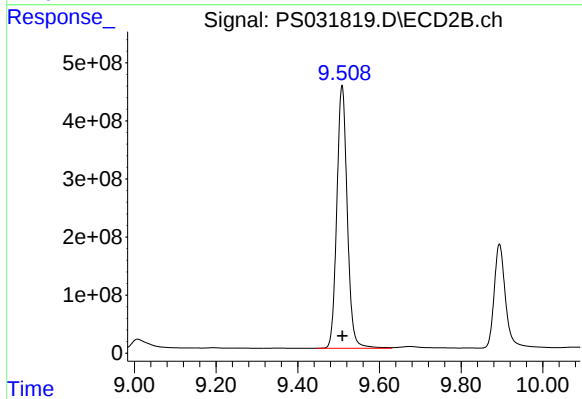
#9 2,4-D

R.T.: 9.008 min
Delta R.T.: 0.012 min
Response: 431196636
Conc: 262.11 ng/ml



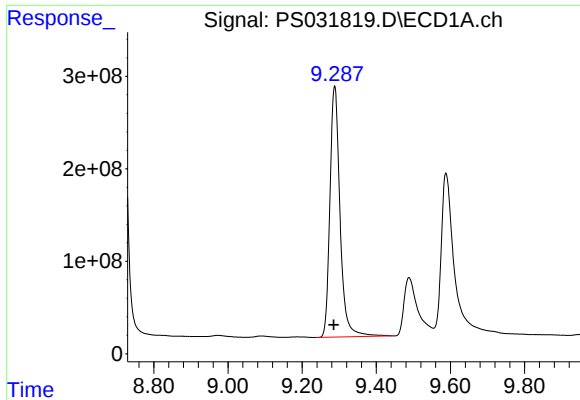
#10 Pentachlorophenol

R.T.: 8.709 min
Delta R.T.: -0.010 min
Response: 12189507608
Conc: 229.58 ng/ml



#10 Pentachlorophenol

R.T.: 9.508 min
Delta R.T.: -0.001 min
Response: 8049657349
Conc: 202.81 ng/ml



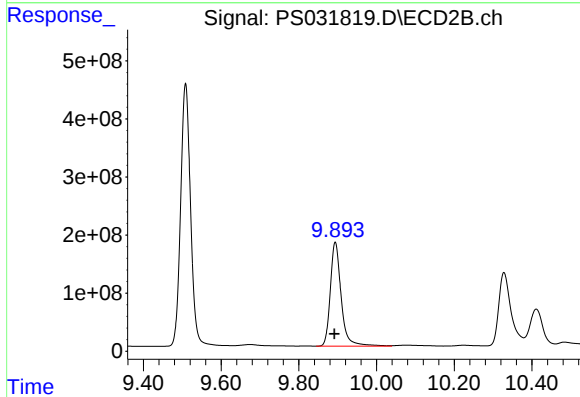
#11 2,4,5-TP (SILVEX)

R.T.: 9.288 min
Delta R.T.: 0.003 min
Response: 5143833866
Conc: 245.25 ng/ml

Instrument :
ECD_S
ClientSampleId :
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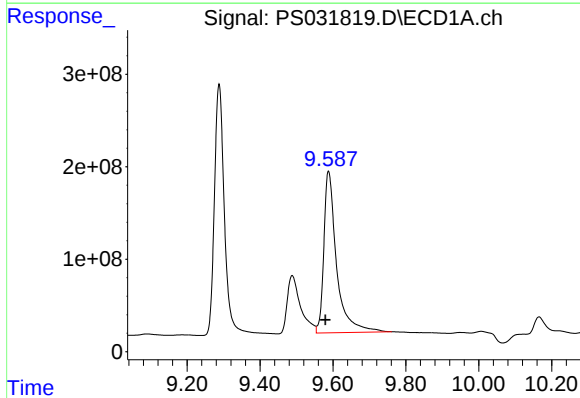
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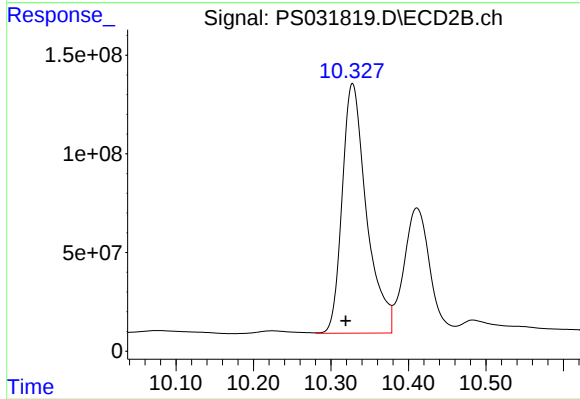
#11 2,4,5-TP (SILVEX)

R.T.: 9.894 min
Delta R.T.: 0.002 min
Response: 3479001776
Conc: 231.10 ng/ml



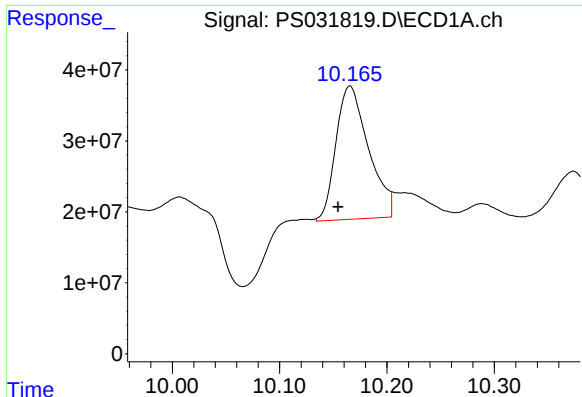
#12 2,4,5-T

R.T.: 9.588 min
Delta R.T.: 0.008 min
Response: 4246425178
Conc: 232.07 ng/ml



#12 2,4,5-T

R.T.: 10.328 min
Delta R.T.: 0.009 min
Response: 2758600816
Conc: 204.99 ng/ml



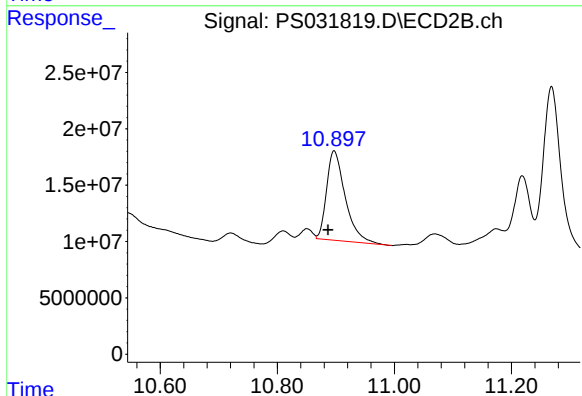
#13 2,4-DB

R.T.: 10.165 min
Delta R.T.: 0.011 min
Response: 398311594
Conc: 170.75 ng/ml

Instrument :
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ClientSampleId :
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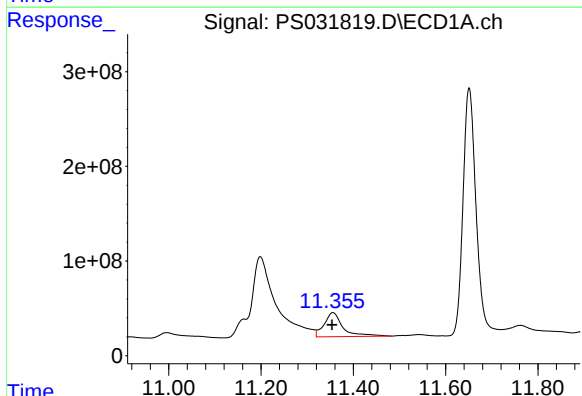
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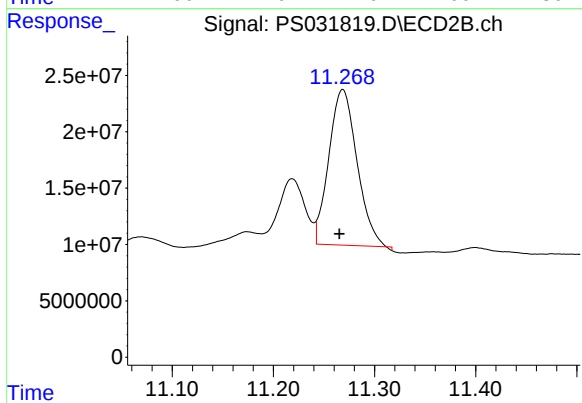
#13 2,4-DB

R.T.: 10.897 min
Delta R.T.: 0.011 min
Response: 175787838
Conc: 164.28 ng/ml



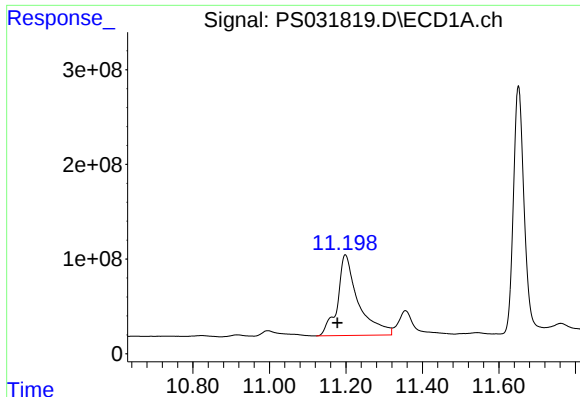
#14 DINOSEB

R.T.: 11.356 min
Delta R.T.: 0.001 min
Response: 720033099
Conc: 49.92 ng/ml



#14 DINOSEB

R.T.: 11.268 min
Delta R.T.: 0.003 min
Response: 266567100
Conc: 27.42 ng/ml m



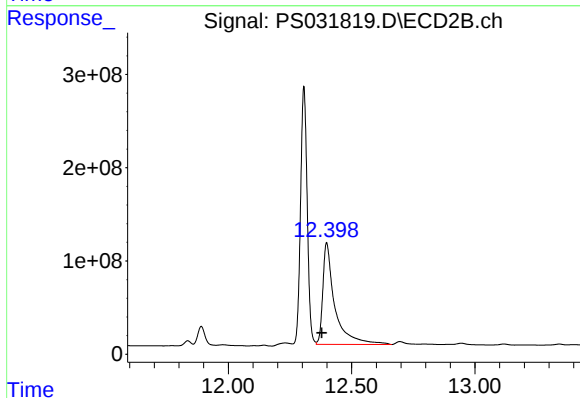
#15 Picloram

R.T.: 11.198 min
Delta R.T.: 0.021 min
Response: 3220751684
Conc: 178.82 ng/ml

Instrument :
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7211986-357MSD

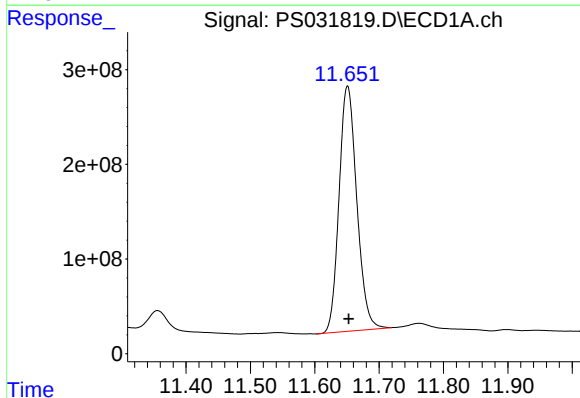
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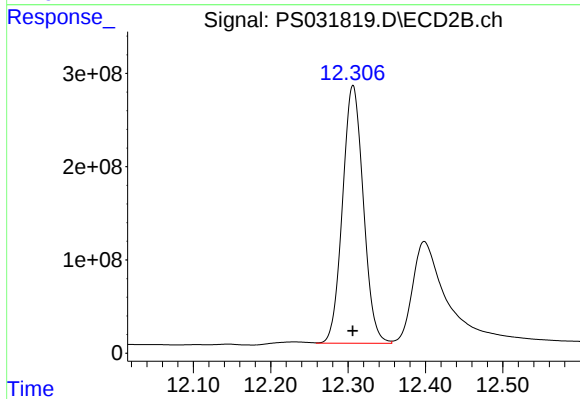
#15 Picloram

R.T.: 12.399 min
Delta R.T.: 0.019 min
Response: 3689123668
Conc: 155.77 ng/ml



#16 DCPA

R.T.: 11.651 min
Delta R.T.: -0.002 min
Response: 4959228977
Conc: 184.02 ng/ml



#16 DCPA

R.T.: 12.306 min
Delta R.T.: 0.000 min
Response: 5160940820
Conc: 214.11 ng/ml